IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: J. Iso-Sipila	Attorney Docket No.: 944-001.032
Application No.: 10/017,000	Group No.: 2641
Filed: December 14, 2001	Examiner: To be assigned

For: **DATA-DRIVEN FILTERING OF CEPSTRAL TIME TRAJECTORIES FOR ROBUST SPEECH RECOGNITION**

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR 1.56(a) exists.

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Jennifer A. Hanlon   Date 3/7/02

A PTO-1449 with cited references is enclosed.

Respectfully submitted,

Date: 3/5/2002

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FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
		944-001.032	10/017,000

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT	
	J. ISO-SIPILA	
(Use several sheets if necessary) (37 CFR 1.98(b))	FILING DATE	GROUP
	December 14, 2001	2641

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APROPRIATE

RECEIVED

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Technology Center 2600

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0871157	10/14/98	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	ETSI ES 201 108 v1.1.2 (2000-04)Speech Processing, Transmission and Quality aspects (STQ); Distributed speech recognition; Front-end feature extraction algorithm; Compression algorithms.
	NOKIA ETSI_STQ W1008; DSR Front-End Proposal for the Advanced Noise Robust Front-End; October 29, 1999.
	"Data-Driven Design of RASTA-like Filters; van Vuuren et al.; Proc. EUROSPEECH, pp.409-412, 1997.
	"RASTA Processing of Speech", Hermansky, IEEE TRANS. on Speech and Audio Processing, vol.2, no.4, pp.578-589, 1994.
	"Cepstral domain segmental feature vector normalization for noise robust speech recognition", O. Viikki et al., SPEECH COMMUNICATION, vol.25, pp.133-147, 1998, Elsevier.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.